ENGINE – FIRE (PUMPER)

DESCRIPTION	The Engine - Fire (Pumper) combats structural and associated fires
RESOURCE CATEGORY	Fire/Hazardous Materials
RESOURCE KIND	Equipment
OVERALL FUNCTION	The Engine - Fire (Pumper) is a vehicle designed to be used under emergency conditions to transport personnel and equipment, to support the suppression of fires, or support the mitigation of other hazardous situations
COMPOSITION AND ORDERING SPECIFICATIONS	1. Discuss logistics for this equipment, such as security, transportation, maintenance, and fuel, prior to deployment 2. Requestor specifies specialized equipment when ordering, if necessary

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	TYPE 1	TYPE 2	TYPE 3	TYPE 4	NOTES
MINIMUM PERSONNEL PER ENGINE	Same as Type 2	4	3	2	Not Specified
EQUIPMENT PUMP CAPACITY	1,000 GPM	500 GPM	150 GPM	50 gallons per minute (GPM)	Not Specified
EQUIPMENT TANK CAPACITY	Same as Type 2	300 gallons	500 gallons	750 gallons	Not Specified
EQUIPMENT HOSE, 2.5 INCH OR GREATER	1,200 feet	1,000 feet	Not specified	Not specified	Not Specified
EQUIPMENT HOSE, 1.5 INCH	Same as Type 2	500 feet	1,000 feet	300 feet	Not Specified
EQUIPMENT HOSE, 1 INCH	Not specified	Not specified	500 feet	300 feet	Not Specified

NOTES

1. Nationally typed resources represent the minimum criteria for the associated component and capability
2. The Interagency Standards for Fire and Fire Aviation Operations and National Wildfire Coordinating Group (NWCG) Standards for Wildland Fire Resource Typing, PMS 200 include seven engine types for Engine, Fire (Pumper) for structural and wildland fires. This resource type includes the first four types. For additional information on additional types, please refer to the Interagency Standards for Fire and Fire Aviation Operations and NWCG Standards for Wildland Fire Resource Typing

REFERENCES

1. FEMA, National Incident Management System (NIMS), October 2017
2. National Fire Protection Association (NFPA) 1901: Standard for Automotive Fire Apparatus, 2016
3. National Interagency Fire Center (NIFC), Interagency Standards for Fire and Fire Aviation Operations, January 2022
4. NWCG Standards for Wildland Fire Resource Typing, PMS 200, December 2021